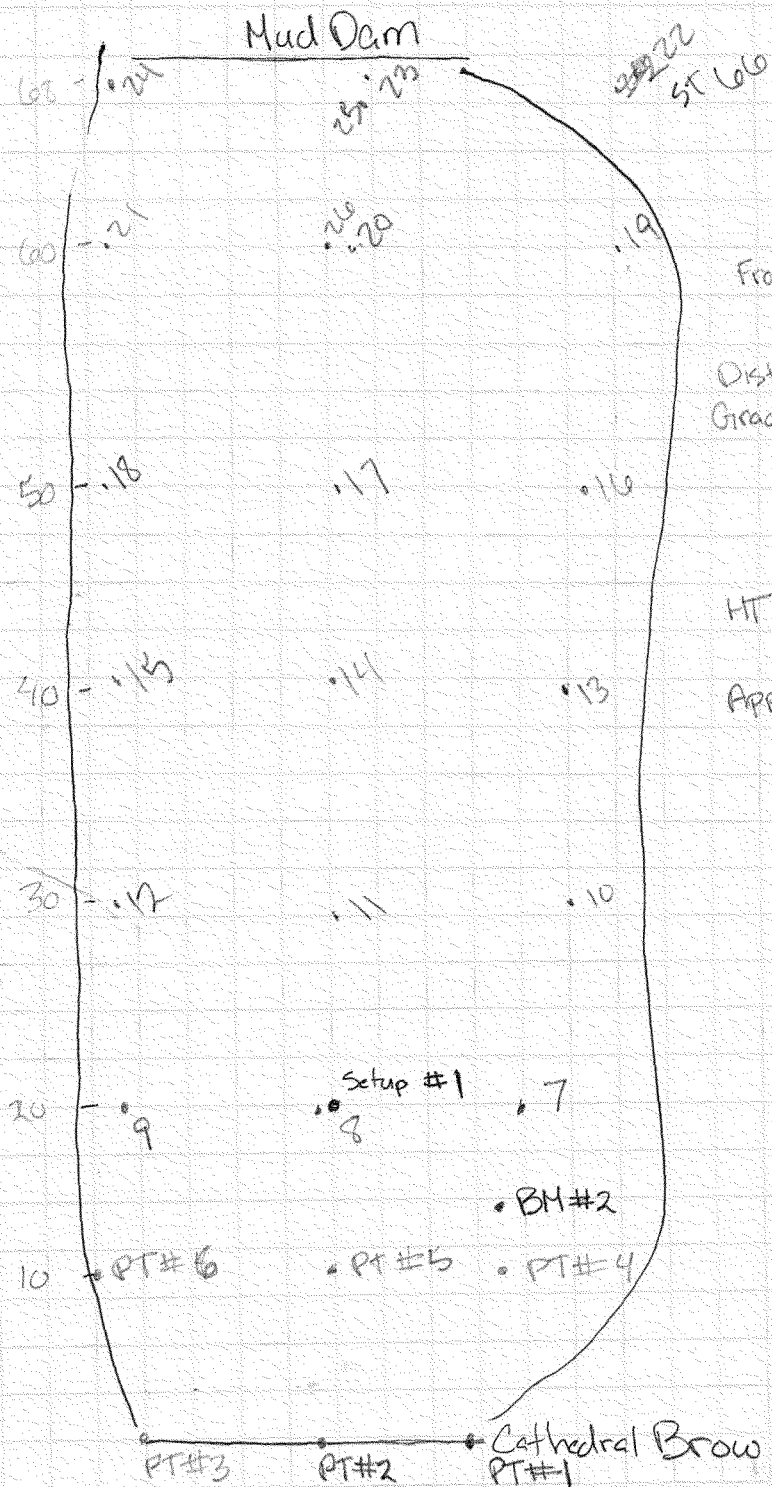


Gold King Adit Profile Survey

Description	Backsight	Elev.	Front Sight	Pt. Elev.	Distance from Instrument	
BM # 2				11,449.13		
Autolevel Setup	-7.79	11,441.34			9.7' from Portal Brow	
PT #1			4.46	11,436.88	11.55	STA 00
PT #2			4.79	11,436.55	10.2	STA 00
PT #3			4.33	11,437.01	10.4	STA 00
PT #4			4.63	11,436.71	6.7	STA 10
PT #5			4.85	11,436.49	0.9	STA 10
PT #6			4.46	11,436.88	4.3	STA 10
PT #7			4.38	11,436.96	13.05	STA 20
PT #8			4.5	11,436.84	10.7	STA 20
PT #9			4.1	11,437.24	11.5	STA 20
PT #10			3.75	11,437.59	21.8	STA 30
PT #11			4.46	11,436.88	20.1	STA 30
PT #12			3.98	11,437.36	20.9	STA 30
PT #13			4.4	11,436.94	31.3	STA 40
PT #14			4.92	11,436.42	29.9	STA 40
PT #15			4.1	11,437.24	29.95	STA 40
PT #16			5.04	11,436.30	40.55	STA 50
PT #17			5.38	11,435.96	39.8	STA 50
PT #18			5.04	11,436.30	40.4	STA 50
PT #19			4.25	11,437.09	50.5	STA 60
PT #20			4.42	11,436.92	50.3	STA 60
PT #21			4.25	11,437.09	50.35	STA 60
PT #22			3.08	11,438.26	56.4	STA 66
PT #23			3.42	11,437.92	55.7	STA 67
PT #24			2.96	11,438.38	56.7	STA 68
PT #25			-7.23	11,448.57	55.3	This was taken at a low point in the "Real" Tunnel, 3' from ST68
PT #26			-7.08	11,448.42	45.8	This was taken 12.5' from the existing muck dam.



From PT # 23 - PT # 2
 difference of ~~1.64'~~ 1.37'
 Distance = 65.9 ft
 Grade = $\frac{1.37'}{65.9 \text{ ft}}$ = 0.015 or 2.0%

HT from 23 - 25 = 10' 7 3/4"

Approx HT from 26 - 20
 11' - 6"

NTS

